#### TO SEATAC 0.23 MILES T. 22N. R. 4E. W.M. KING COUNTY 16 BRIDGE 5/511E MP 149.17 TO MP 149.22 NOT INCLUDED IN PROJECT 99 INDEX 15 **END PROJECT** NB I-5 M.P. 149.17 **PLAN** SHEET **REFERENCE TITLE** MOINE NO. NO. 5 VM1 INDEX / VICINITY MAP 516 2 CT1 **CERTIFICATION SHEET** SUMMARY OF QUANTITIES 3 SQ1 ROADWAY SECTIONS 4 RS1 PV1 PAVING PLAN 21 22 PMD1 PAVEMENT MARKING DETAILS TS1 - TS7 ITS PLANS 7 - 13 14 - 25 TC1 - TC12 TRAFFIC CONTROL PLAN KENT 5 NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS **BEGIN PROJECT** 28 AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, NB I-5 M.P. 147.70 REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX. SHEET BRIDGE 5/510E NOT INCLUDED IN PROJECT 1000 2000 SCALE IN FEET TO FEDERAL WAY \\NWHQSECAEFS02P\CAE\_Data\412350\XL6558 - I-5 NB 206th St Vic to SR 516 - Pavement Repairs\DGN - Design\Sheets\01\_XL6558\_PS\_VM.dgn FILE NAME 2:19:59 PM FED.AID PROJ.NO. I 5 PLAN REF NO DATE 1/26/2023 VM1 10 WASH NB 206TH ST VIC TO SR 516 PLOTTED BY seremeh DESIGNED BY H. SEREME JOB NUMBER 22A042 **PAVEMENT REPAIR** SHEET 1 OF 25 SHEETS **Washington State** ENTERED BY H. SEREME **Department of Transportation** CONTRACT NO CHECKED BY A. YU LOCATION NO. PROJ. ENGR. A. EMERSON REGIONAL ADM. B. NIELSEN

DATE

DATE

P.E.STAMP BOX

REVISION

DATE BY

INDEX / VICINITY MAP

### PROJECT LICENSED PROFESSIONAL CERTIFICATES

Adam Emerson	Cary Muss		
Adam Emerson	Greg Leege		
Feb 1, 2023  AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	Feb 2, 2023  AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.

#### NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

FILE NAME	\\NWHQSECAEFS02P\CAE_Da	ata\412350\XL6558 - I-5 NB 206th St Vic to SR 516 - Pa	avement Repai	irs\DGN - Des	sign\She	ets\01_XL6558_PS_VM.dgn					
TIME	2:21:52 PM			REGION	STATE	FED.AID PROJ.NO.	1			15	PLAN REF NO
DATE	1/26/2023			1 10	WASH						CT1
PLOTTED BY	seremeh			1 10	WASH					NB 206TH ST VIC TO SR 516	"
DESIGNED BY	H. SEREME			JOB N	UMBER 042				Washington State	PAVEMENT REPAIR	SHEET
ENTERED BY	H. SEREME			224	1042					I AVEINENT INCLAIN	2
CHECKED BY	A. YU			CONTR	RACT NO.	LOCATION NO.	1		Department of Transportation		OF
PROJ. ENGR.	A. EMERSON						DATE	DATE	1	CERTIFICATION SHEET	25 SHEETS
REGIONAL ADM	M. R NIFLSEN	REVISION	DATE	I BY I			P.E. STAMP BOX	P.E. STAMP BOX		OLIVIII IOATION OTILLI	] 5.1.2518

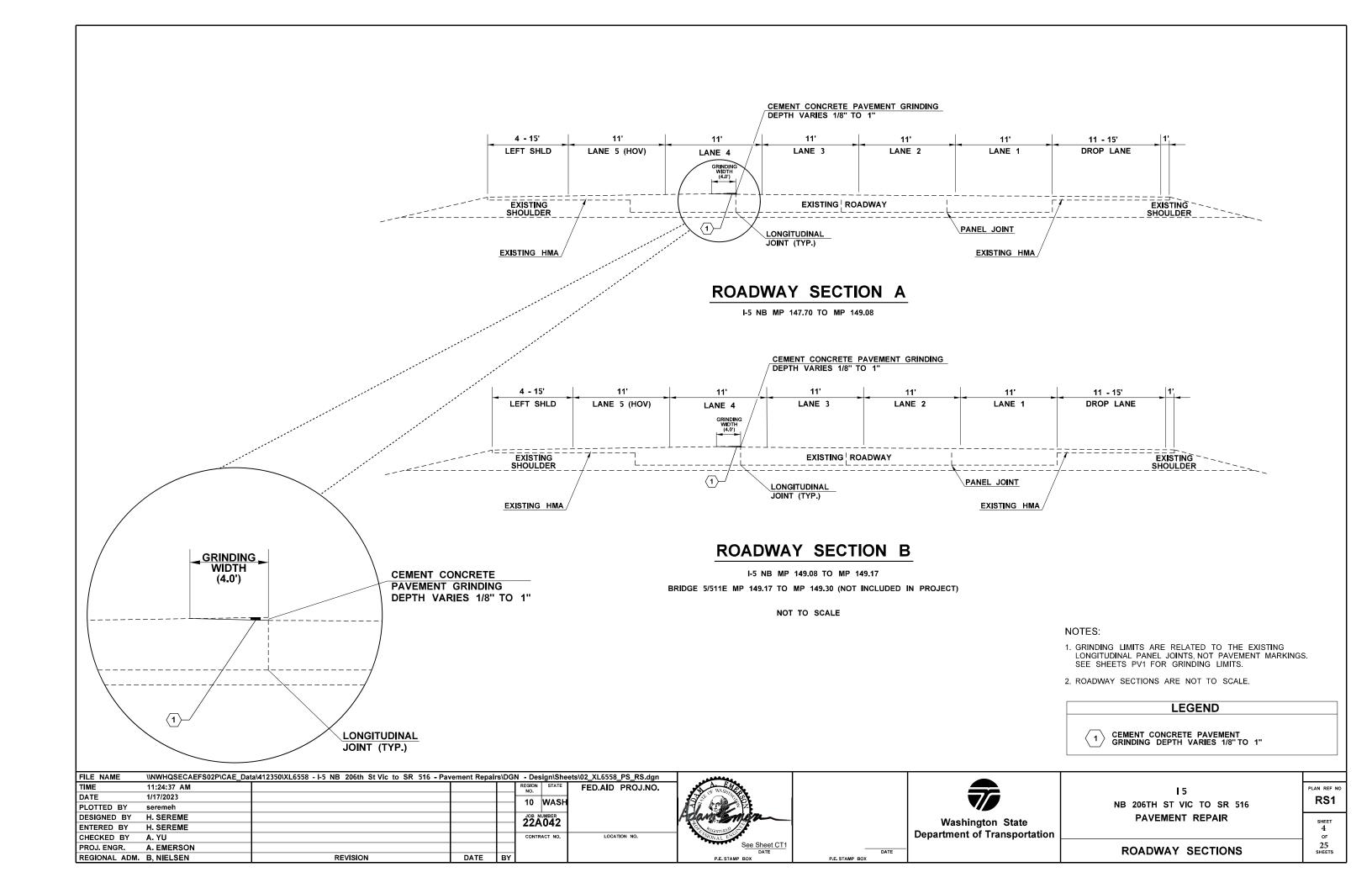
DOT\_RGG900 2/1/2023

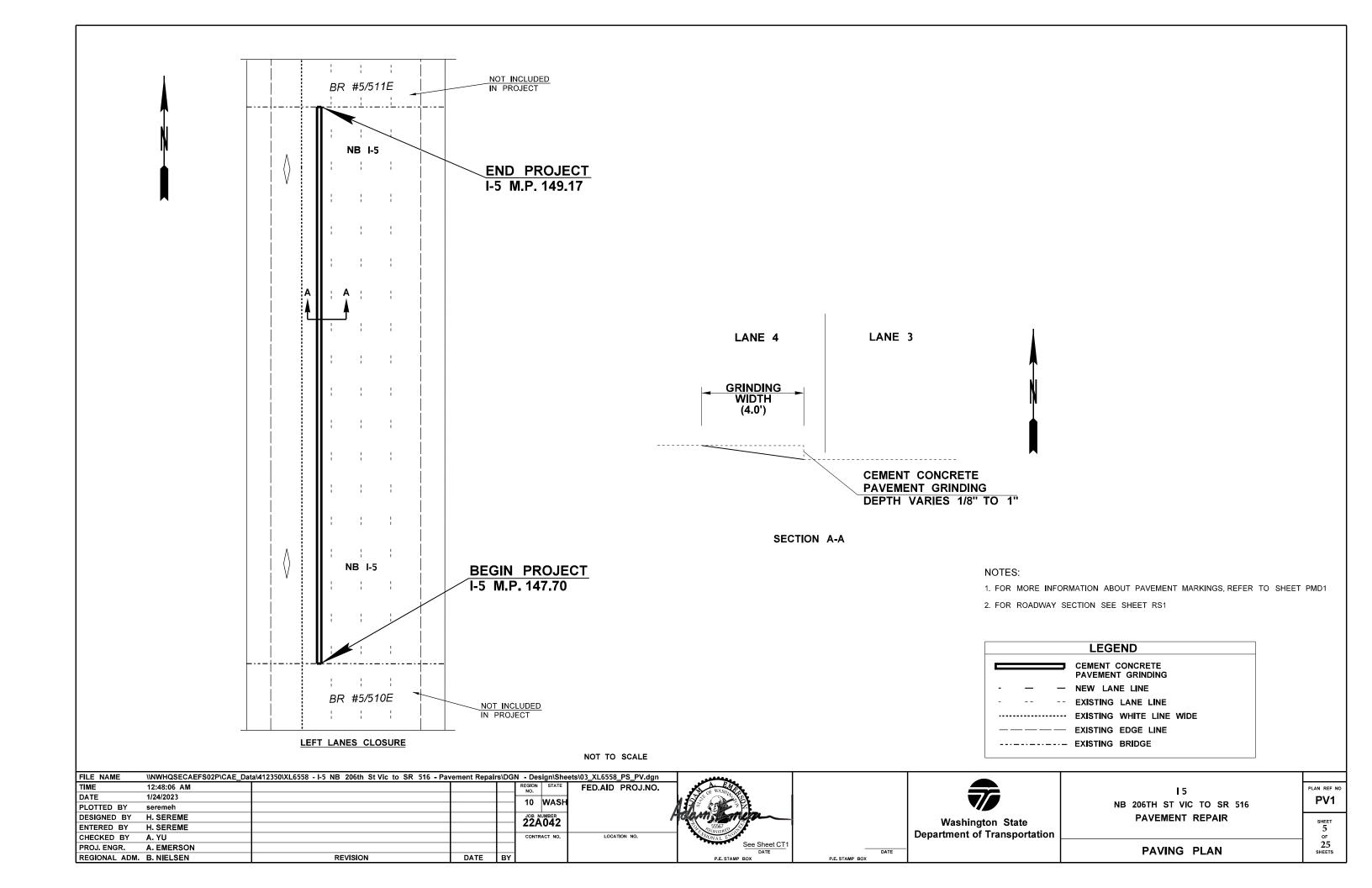
### SUMMARY OF QUANTITIES

l							1										
		SUB-TOTAL	SUB-TOTAL				GROUP 1	GROUP 2								.	
ITEM	TOTAL	SECTION	SECTION	STD.			NB I-5	THIRD									
NO		I-07.2(1)	I-07.2(2)	ITEM	UNIT	ITEM	MP 147.70	PARTY								.	
	QUANTITY	OF STANDARD	OF STANDARD	NO.			TO	DAMAGES								.	
		SPECS	SPECS				149.17										
						PREPARATION		† †				i i					
1	LUMP SUM		LUMP SUM	0001	L.S.	MOBILIZATION	L.S.							1			
					ĺ		ii	İ	ĺ			i i		İ	ĺ	Ī	Ī
		Ĺ				CEMENT CONCRETE PAVEMENT	ii		ĺ								
2	10349.00		10349.00	5712	S.Y.	CEMENT CONCRETE PAVEMENT GRINDING	10,349.00										
							li .										
						EROSION CONTROL AND ROADSIDE PLANTING	П							1			
3	9.00		9.00	6403	DAY	ESC LEAD	9.00							1			
4	5.00		5.00	6471	EACH	INLET PROTECTION	5.00							1			
5	20000.00		20000.00	6490	DOL	EROSION/WATER POLLUTION CONTROL	20,000.00							1			
							ji										
						TRAFFIC	Í							1			ĺ
6	464.00		464.00	7448	HR	TRANSPORTABLE ATTENUATOR	464.00	1				1 1					
7	15000.00		15000.00	7450	DOL	REPAIR TRANSPORTABLE ATTENUATOR	15,000.00							1			
- 8	7762.00	1	7762.00	6809	L.F.	PROFILED PLASTIC LINE	7,762.00	1				1					
9	1.00		1.00	6884	HUND	RAISED PAVEMENT MARKER TYPE 2	1.00							1			
_ 10	LUMP SUM		LUMP SUM	6914	L.S.	ITS INDUCTION LOOP TYPE R1	L.S.							1			
11	464.00		464.00			SEQUENTIAL ARROW SIGN	464.00							1			
12	LUMP SUM	1	LUMP SUM	6973	L.S.	OTHER TEMPORARY TRAFFIC CONTROL DEVICES	L.S.	1						1		<u>.                                      </u>	
13	464.00		464.00	6992	HR	OTHER TRAFFIC CONTROL LABOR	464.00										
14	LUMP SUM		LUMP SUM	6974	L.S.	TRAFFIC CONTROL SUPERVISOR	L.S.										
15	288.00		288.00			PORTABLE CHANGEABLE MESSAGE SIGN	288.00										
16	25000.00		25000.00	7572	DOL	WORK ZONE SAFETY CONTINGENCY	25,000.00										
							] [										
						OTHER ITEMS	][										
17	3000.00	1	3000.00	7480	DOL	ROADSIDE CLEANUP	3,000.00										
18	5.00	1	5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE	][	5.00									
19	-1.00	1	-1.00	7728	DOL	MINOR CHANGE	-1.00										
_ 20	LUMP SUM	1	LUMP SUM	7736	L.S.	SPCC PLAN	L.S.		1					1			
							] [							1			

GROUP	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
LEGEND	1	005	172712	**	STATE
	2	005	170710	**	CTATE

				STATE FEDERAL AID PROJECT. NO.		15	SQ1
			JOB NUI 22A0		Washington State Department of Transportation	NB 206TH ST VIC TO SR 516 PAVEMENT REPAIR	SHEET 3
DATE	REVISION	BY	CONTRA			SUMMARY OF QUANTITIES	OF 25 SHEETS





## PROFILED PLASTIC LINE (LANE LINES)

SEE STANDARD PLAN M-20.20 AND M-20.30
TYPE D PLASTIC PAVEMENT MARKING MATERIAL;
SEE STANDARD SPECIFICATION 9-34.3

MAI	MAINLINE NORTHBOUND I-5										
MP T	MP TO MP # LINES L.F.										
147.70	149.17	1	7762								
	PROJECT	7762									

## RAISED PAVEMENT MARKERS (LANE LINES)

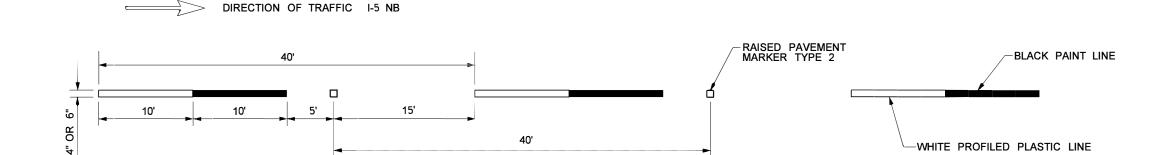
TYPE 2W SEE STANDARD PLAN M-20.30

	MAINL	INE NORTHE	OUND I-5		
MP T	O MP	# LINES	L.F.	QUANTITY (F	IUN)
147.70	149.17	1	7762	1.00	
		PROJECT	TOTAL	1.00	

### **INLET PROTECTION**

MAINLINE NOF	RTHBOUND 1-5
MP	OFFSET FROM EDGE LINE
148.91	15 LT
148.97	14 LT
149.03	12 LT
149.07	11 LT
149.13	13 LT

TOTAL INLET PROTECTION FOR CATCH BASINS = 5



### PAVEMENT MARKING DETAILS

LONGITUDINAL LANE LINE SUPPLEMENTED
WITH BLACK CONTRAST PAINT LINE WITH GLASS BEADS

NOT TO SCALE

### NOTES:

- 1. REPLACE PAVEMENT MARKINGS OR RAISED PAVEMENT MARKERS REMOVED INCIDENTALLY BY DIAMOND GRINDING
- 2. REFER TO SHEET PV1 FOR PLACEMENT OF NEW PAVEMENT MARKINGS AT EXISTING LOCATIONS
- 3. ALL CATCH BASIN INLETS SHALL BE COVERED USING INLET PROTECTION DEVICES WITHIN WORK AREA AND 100 FT DOWNSTREAM FROM END OF WORK AREA. THESE PROTECTIONS SHALL BE REMOVED BEFORE RAINFALL AT THE PROJECT SITE.

FILE NAME	\\NWHQSECAEFS02P\CAE_Da	ta\412350\XL6558 - I-5 NB 206th St Vic to SR 516 - Par	vement Repairs	NDGN - Design	Sheets\04_XL6558_PS_PM.dgn					
TIME	5:53:14 AM			REGION STA	FED.AID PROJ.NO.	1			15	PLAN REF NO
DATE	1/27/2023			10 WA	<del></del>				13	PMD1
PLOTTED BY	seremeh			IU WA	27				NB 206TH ST VIC TO SR 516	1
DESIGNED BY	H. SEREME			22A04	, [			Washington State	PAVEMENT REPAIR	SHEET
ENTERED BY	H. SEREME	<u> </u>	i i	22A04	<b>-</b>					6
CHECKED BY	A. YU			CONTRACT N	LOCATION NO.			Department of Transportation		OF .
PROJ. ENGR.	A. EMERSON					DATE	DATE	1	PAVEMENT MARKING DETAILS	25 SHEETS
REGIONAL ADM	R NIFLSEN	REVISION	DATE I	RV İ		DE STAND BOY	DE STAND DOY		TAVEINENT MARKING BETALES	OI ILLETO

### **CONSTRUCTION NOTES:**

- (1) SAWCUT AND INSTALL TYPE R1 INDUCTION LOOP VEHICLE DETECTOR IN EXISTING CONCRETE PANEL IN THE SPEED DETECTION LAYOUT. SEE ITS DETAILS ON SHEETS ITD1-2.
- 2 BREAK EXISTING LOOP SPLICES. REMOVE DISCONNECTED LOOP WIRES FROM EXISTING STUB OUT. REPLACE EXISTING STUBOUT AS NECESSARY TO MEET THE REQUIREMENTS OF TABLE A ON SHEETS ITD1-2. SPLICE NEW LOOP WIRES TO CORRESPONDING EXISTING 2C(S) LOOP LEAD-IN WIRES.
- (3) PROTECT AND MAINTAIN EXISTING LOOP.
- 4 ABANDON EXISTING LOOPS. CUT LOOPS IN AT LEAST TWO PLACES.
- 5 SAWCUT AND INSTALL TYPE R1 INDUCTION LOOP VEHICLE DETECTOR IN THE PERMANENT TRAFFIC RECORDER LAYOUT PER STANDARD PLAN J-50.20 AND J-50.30. COORDINATE WITH WSDOT TDGO GROUP AT LEAST 1 WEEK PRIOR TO CONSTRUCTION THROUGH THE ENGINEER.
- TEST LOOPS AT EXISTING CABINET IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- PROTECT AND MAINTAIN EXISTING CONDUIT.

T:\414121\Traffic Design\_PRO	JECTSISR 005IXL6558	- I-5_NB 206th	St Vic to SR 51	6 Emergency	Repa	ir\CAD\	XL6558.	_PS_ITS (GY).dgn
1:59:21 PM				1		REGION	STATE	FED.AID PROJ.NO.
1/25/2023				1		40	MA/A CLI	i
yipg						10	WASH	
G. YIP								
G. YIP				1		ļ 22A	042	I
C. WOO						CONTR	ACT NO.	LOCATION NO.
A. EMERSON								
B. NEILSEN		REVISION		DATE	BY			
	1:59:21 PM 1/25/2023 yipg G. YIP G. YIP C. WOO A. EMERSON	1:59:21 PM 1/25/2023 yipg G. YIP G. YIP C. WOO A. EMERSON	1:59:21 PM 1/25/2023 yipg G. YIP G. YIP C. WOO A. EMERSON	1:59:21 PM 1/25/2023 yipg G. YIP G. YIP C. WOO A. EMERSON	1:59:21 PM 1/25/2023 yipg G. YIP G. YIP C. WOO A. EMERSON	1:59:21 PM 1/25/2023 yipg G. YIP G. YIP C. WOO A. EMERSON	1:59:21 PM	1.35/21 PM





DATE

I 5 NB 206th ST VIC TO SR 516 **PAVEMENT REPAIR Department of Transportation** 

ITS PLAN

Plot 1

PLAN REF NO ITS1

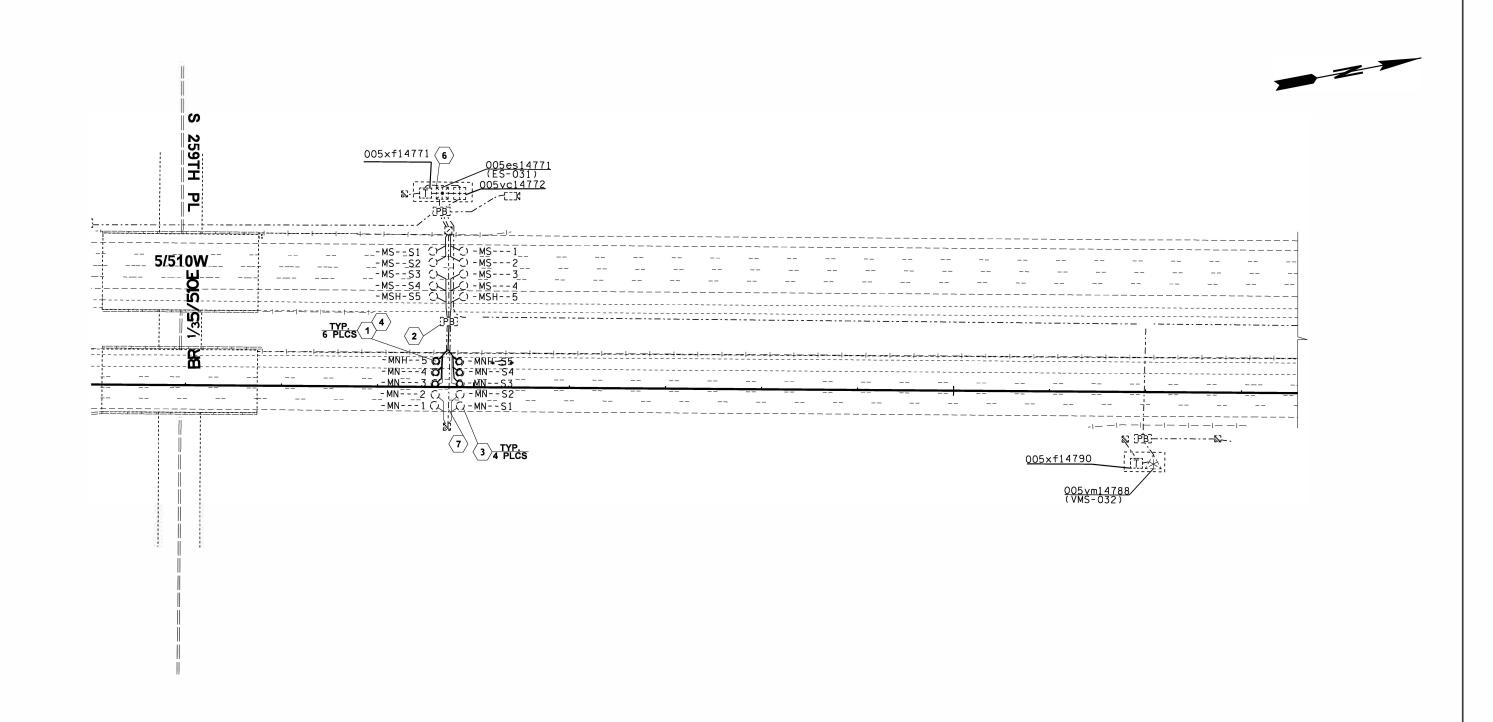
25 SHEETS

1. THE LOCATIONS OF FEATURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND BE APPROVED BY THE ENGINEER.

**GENERAL NOTES:** 

2. THE CONTRACTOR SHALL PROTECT ALL CONDUIT OPENINGS, REMOVE ALL DEBRIS, AND CLEAN ALL JUNCTION BOXES, PULL BOXES, AND CABLE VAULTS THAT HAVE WORK BEING DONE TO THEM.

LEG	END	
EXISTING	NEW	
F X Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z		TYPE 1 JUNCTION BOX TYPE 2 JUNCTION BOX TYPE 3 JUNCTION BOX TYPE 8 JUNCTION BOX DATA STATION CABINET
		CAMERA CABINET  VARIABLE MESSAFE SIGN CABINET  TRANSFORMER CABINET  TERMINAL CABINET  CCTV CAMERA
O	(X)	TYPE 2 INDUCTION LOOP TYPE R1 INDUCTION LOOP SIGN STRUCTURE CONDUIT CONSTRUCTION NOTE FLAG
	x	WIRING NOTE FLAG

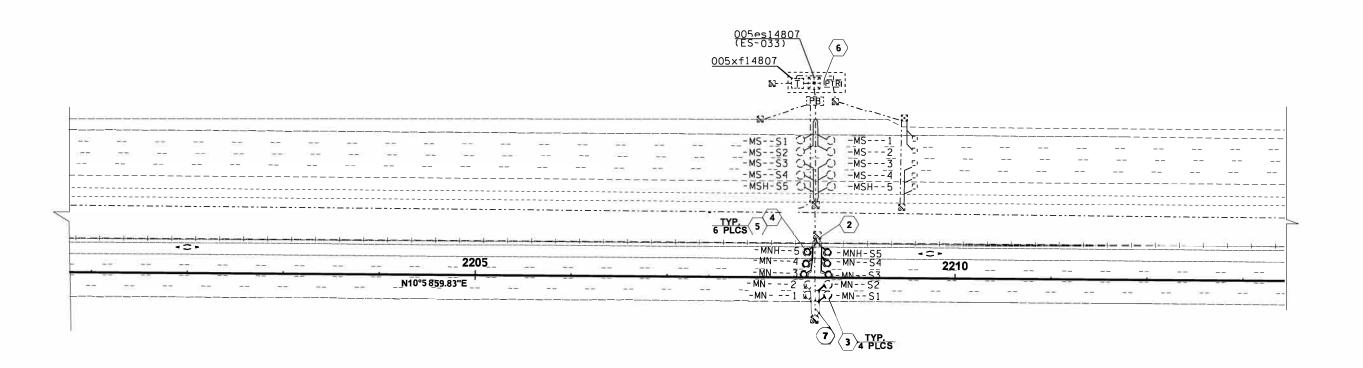


GENERAL NOTE:
FOR CONSTRUCTION NOTES AND LEGEND, SEE SHEET ITS1

0 25 50 SCALE IN FEET MP 147.71

FILE NAME	T:\414121\Traffic Design\_PR	DJECTSISR 005IXL6558 - I-5_NB 206th St Vic to SR 51	6 Emergency	Repa	air\CAD\XL65	558_PS_ITS (GY).dgn					Plot 2
TIME	1:59:22 PM				REGION STA	FED.AID PROJ.NO.	THOM			15	PLAN REF NO
DATE	1/25/2023			1	10 WA		OF WASHING				ITS2
PLOTTED BY	yipg				I IU WA	эп				NB 206th ST VIC TO SR 516	1132
DESIGNED BY	G, YIP				JOB NUMBER		area <del>rede</del>		Washington State	PAVEMENT REPAIR	PUEET
ENTERED BY	G. YIP				22A042	2	33211		J		8
CHECKED BY	C. WOO				CONTRACT N	O. LOCATION NO.	SOONAL ENGINEER		Department of Transportation		OF_
PROJ. ENGR.	A. EMERSON				1		SEE SHEET CT1	DATE	4	ITS PLAN	25 SHEETS
REGIONAL ADM	I. B. NEILSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX		1.5 1 2	ONEE 18



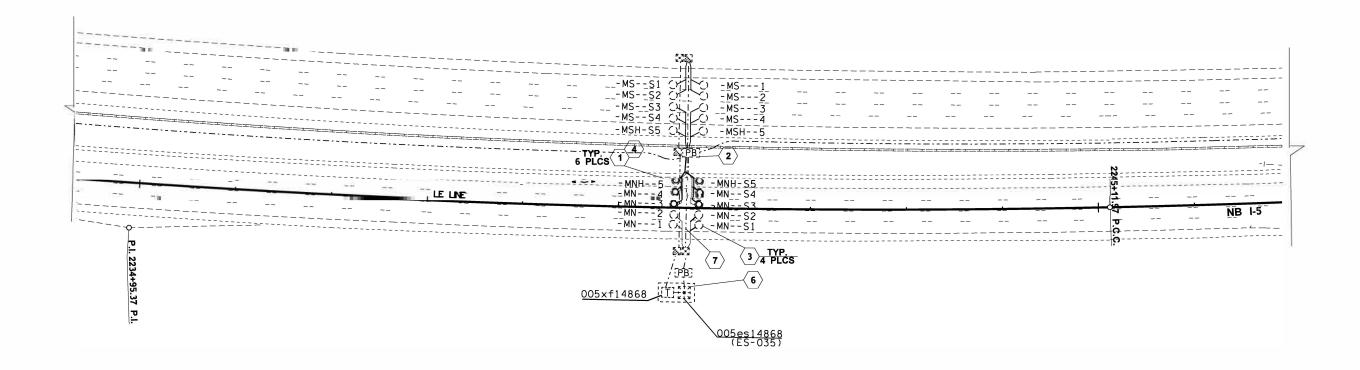


GENERAL NOTE:
FOR CONSTRUCTION NOTES AND LEGEND, SEE SHEET ITS1

0 25 SCALE IN FEET MP 148.07

FILE NAME	T:\414121\Traffic Design\_PRO	DJECTS\SR 005\XL6558 - I-5_NB 206th St Vic to SR 5	l6 Emergency Rep	pair\CAD\XL6558	PS_ITS (GY).dgn		,			Plot 3
TIME	1:59:23 PM		] [	REGION STATE	FED.AID PROJ.NO.	THOM			15	PLAN REF NO
DATE	1/25/2023			10 WASH		State WASHING			N=	ITS3
PLOTTED BY	yipg		1	10 WASH		E 6 6 9 9			NB 206th ST VIC TO SR 516	1103
DESIGNED BY	G. YIP			JOB NUMBER		4 neg rede		Washington State	PAVEMENT REPAIR	SHEET
ENTERED BY	G. YIP			22A042		33211			I AVENIENT INCLAIN	9
CHECKED BY	C. WOO			CONTRACT NO.	LOCATION NO.	SONAL EN		Department of Transportation		of I
PROJ. ENGR.	A. EMERSON					SEE SHEET CT1	DATE		ITS PLAN	25 SHEETS
REGIONAL ADM.	B. NEILSEN	REVISION	DATE BY	7		P.E. STAMP BOX	P.E. STAMP BOX			5



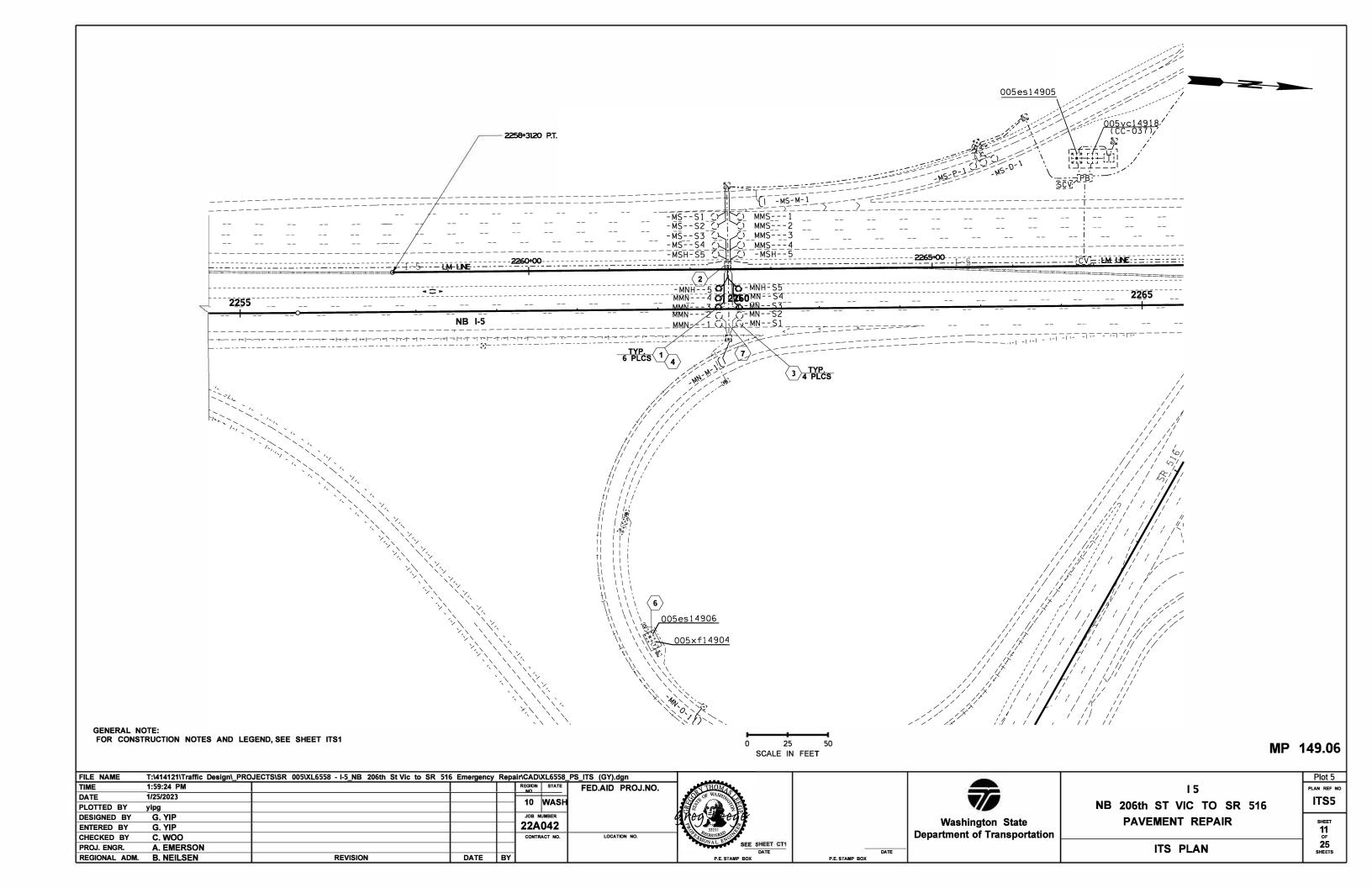


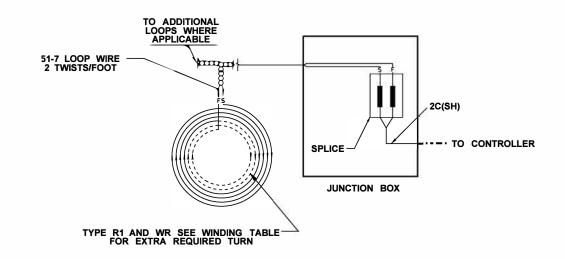
GENERAL NOTE:
FOR CONSTRUCTION NOTES AND LEGEND, SEE SHEET ITS1

0 25 5 SCALE IN FEET

**MP** 148.68

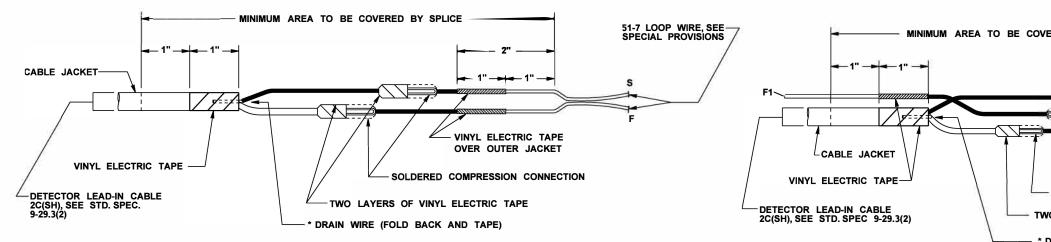
FILE NAME	Til 44 4404) Troffic Decision DDO	DJECTS\SR 005\XL6558 - I-5_NB 206th St Vic to SR 51	C F	DanaidCAD	VICEEO DE ITE (OV) des	T.				Plot 4
TIME NAME	1:59:23 PM	JJEC   SISK   0051XL6556 - 1-5_NB   206th   St VIC to SK 51	6 Emergency	REGION		——————————————————————————————————————				
TIME			1	NO.	FED.AID PROJ.NO	WASSE VA			15	PLAN REF NO
DATE	1/25/2023		-	10	WASH	Jest Control of the second		<b>\</b> / <b>/</b>	ND COCHE OF MIC TO OD FAC	ITS4
PLOTTED BY	yipg							148	NB 206th ST VIC TO SR 516	
DESIGNED BY	G. YIP				UMBER	4 neg rege		Washington State	PAVEMENT REPAIR	SHEET
ENTERED BY	G. YIP			22A	.042	33211				10
CHECKED BY	C. WOO		1	CONT	RACT NO. LOCATION NO.	A CONSTERED CO		Department of Transportation		- OF
PROJ. ENGR.	A. EMERSON					SEE SHEET CT	1 DATE	1	ITS PLAN	25
REGIONAL ADM.	B. NEILSEN	REVISION	DATE	BY		P.E. STAMP BOX	P.E. STAMP BOX		1	SHEETS





### TYPE R1 AND TYPE WR INDUCTION LOOPS LOOP WINDING DETAILS

TYPE R1 AND WR WIN	INDING TABLE			
CONTROLLER TO LOOP DISTANCE (FT)	TURNS			
0 - 400	4			
401 - 600	5			
601 +	6			



\* GROUND DRAIN WIRE AT AMPLIFIER ONLY. SEE SPECIAL PROVISIONS FOR SPLICE MATERIAL.

\* GROUND DRAIN WIRE AT AMPLIFIER ONLY. SEE SPECIAL PROVISIONS FOR SPLICE MATERIAL.

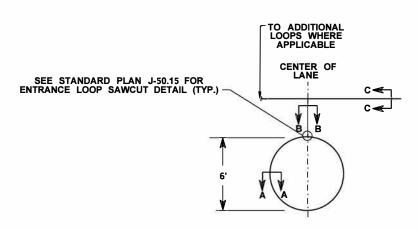
### TYPE R1 AND TYPE WR INDUCTION LOOPS SPLICE DETAILS

### TYPE R2 AND MODIFIED TYPE WR INDUCTION LOOPS SPLICE DETAIL

NOTE: SPLICE KITS SHALL BE CENTERED ON CONDUCTORS AND SUFFICIENT SLACK SHALL BE PROVIDED THAT THE SPLICE CAN BE RAISED A MINIMUM OF 18" ABOVE GROUND LINE.

NOT TO SCALE

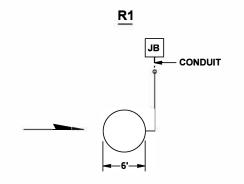
FILE NAME	T:\414121\Traffic Design\_PRO	DJECTS\SR 005\XL6558 - I-5_NB 206th St Vic to SR 51	6 Emergency	/ Repair	r\CAD\XL6558_	PS_ITS (GY).dgn					Plot 7
TIME	1:59:25 PM		1	$\Gamma$	REGION STATE	FED.AID PROJ.NO.	THOMAS			15	PLAN REF NO
DATE	1/25/2023		1		10 WASH		A OF WASHING				ITD1
PLOTTED BY	yipg				10 WASH					NB 206th ST VIC TO SR516	11.51
DESIGNED BY	G. YIP				JOB NUMBER		aneg reede		Washington State	PAVEMENT REPAIR	SHEET
ENTERED BY	G. YIP				22A042		33211			I AVEINENT INCLAIN	12
CHECKED BY	C. WOO		22		CONTRACT NO.	LOCATION NO.	STONAL ENGIN		Department of Transportation		oF
PROJ. ENGR.	A. EMERSON						SEE SHEET CT1	DATE		ITS PLAN	25 SHEETS
REGIONAL ADM.	B. NEILSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			J

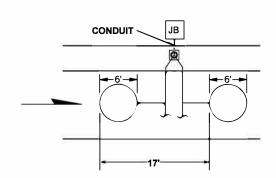


TYPE R1 INDUCTION LOOP

#### LOOP INSTALLATION NOTES

- 1. SEE STANDARD PLANS J-50.13 AND J-50.15 FOR ADDITIONAL LOOP DETAILS
- 2. COMPLETE INSTALLATION AND TEST LOOP CIRCUITS OR COMBINATION LOOP CIRCUITS. SEE STANDARD SPECIFICATION 8-20.3(14)D.
- 3. SEE SPECIAL PROVISIONS FOR SEALANT TO ENCAPSULATE CONDUCTORS.
- 4. SEE SPECIAL PROVISIONS FOR 51-7 LOOP WIRE #14 AWG.
- SPLICE LOOP LEADS OR SUPPLEMENTAL SPLICE LEADS TO NEW OR EXISTING SHIELDED CABLE.
- 6. SEAL ENDS OF CONDUIT WITH FOAM.
- 7. IMSA WIRE END SHALL BE SEALED PRIOR TO USE OF RUBBER TAPE OR DUCT SEAL.
- 8. CABLE IDENTIFICATION SLEEVES SHALL BE VERIFIED BEFORE SPLICES ARE MADE.
- 9. THE NUMBER OF LOOP TURNS FOR R1 AND WR LOOPS VARY DEPENDING ON THE DISTANCE BETWEEN THE LOOPS AND THE CONTROLLER. NUMBER OF TURNS SHALL BE AS SHOWN IN THE WINDING TABLES IN THE ITS DETAIL.
- 10. LOOPS SHALL BE INSTALLED PRIOR THE FINAL LIFT OF HMA (ASPHALT).
- 11. CENTER INDUCTION LOOP VEHICLE DETECTOR BETWEEN LANE LINES.
- 12. JUNCTION BOXES SHALL BE SIZED AS SHOWN IN THE ITS PLAN SHEETS.





ITS STUB-OUT CONDUIT SIZE WITH 51-7 LOOP WIRE

LOOP LEAD PAIRS	1-6	7-12	
CONDUIT SIZE (MIN.)	2	2-2	

TABLE A

#### NOT TO SCALE

FILE NAME	T:\414121\Traffic Design\_PRO	DJECTS\SR 005\XL6558 - I-5_NB 206th St Vic to SR 51	16 Emergency	y Repai	ir\CAD\XL6558	PS_ITS (GY).dgn		,		_	Plot 8
TIME	1:59:25 PM				REGION STATE	FED.AID PROJ.NO.	THOMA			15	PLAN REF NO
DATE	1/25/2023			1	10 WASH		Of WASHING				ITD2
PLOTTED BY	yipg				IU WASH					NB 206th ST VIC TO SR 516	1102
DESIGNED BY	G, YIP				JOB NUMBER		Area Leega		Washington State	PAVEMENT REPAIR	SHEET
ENTERED BY	G. YIP				22A042	8	33211		1 3	FAVEIVILINI NEFAIN	13
CHECKED BY	C. WOO			I = I	CONTRACT NO.	LOCATION NO.	GISTER OF		Department of Transportation		4 of
PROJ. ENGR.	A. EMERSON						SEE SHEET CT1	DATE	-	ITS PLAN	25 SHEETS
REGIONAL ADM.	B. NEILSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX			oneelo

BUFFER DATA												
LONGITUDINAL BUFFER SPACE = B												
SPEED (M	SPEED (MPH) 25 30 35 40 45 50 55 60 65 70								70			
LENGTH (f	feet) 155	200	250	305	360	425	495	570	645	730		
TRANSP	ORTABLE A	TTEN	UATO	R RO	LL AI	HEAD	DIST	ANCE	= R			
	HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.						OST VE					
< 45	< 45 45-55 MPH > 55 MPH						< 45 MPH 45-55 MPH > 55 MP			MPH		
100'	123'					74' 100'			15	0'		

	TRAFFIC CONTROL PLAN	TITLE	
TC2	- TC6	NB I-5 THREE LEFT LANE CLOSURE (MP 146.40 TO MP 149.20)	(SETUP 1)
TC7	- TC12	NB I-5 FOUR LEFT LANE CLOSURE (MP 146.00 TO MP 149.40)	(SETUP 2)

SIGN SPACING	= X (1)	
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'±
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' ± (2)
RESIDENTAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

TRAFFIC SAFETY DRUM SPACING (feet)										
MPH	TAPER	TANGENT								
50/70	40	80								
35/45	30	60								
25/30	20	40								

	42" TALL CHANNELIZING DEVICE SPACING (feet)										
MPH	TAPER	TANGENT									
50/70	20	40									
35/45	15	30									
25/30	10	20									

ı	MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)													
LANE	Posted Speed (mph)													
WIDTH (feet)	25	30	35	40	45	50	55	60	65	70				
10	105	150	205	270	450	500	550	-		-				
11	115	165	225	295	495	550	605	660	-	-				
12	125	180	245	320	540	600	660	720	780	840				

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)														
SHOULDER	Posted Speed (mph)													
WIDTH (feet)	25	30	35	40	45	50	55	60	65	70				
8'	40	40	60	90	120	130	150	160	170	190				
10'	40	60	90	90	150	170	190	200	220	240				
USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.														

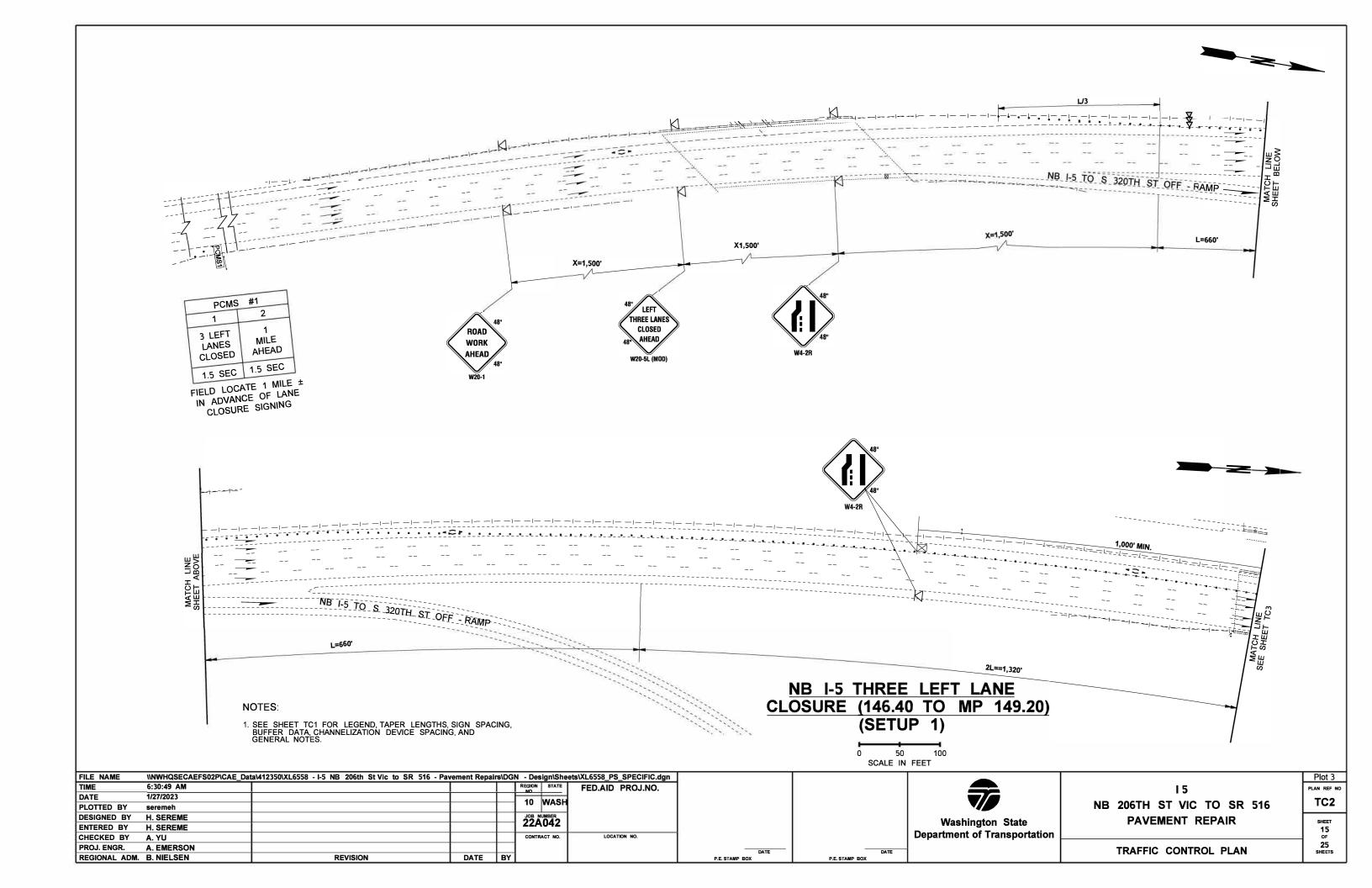
CHANNELIZATION DEVICE SPACING (feet)											
MPH	TAPER	TANGENT									
50/70	40	80									
40/45	30	60									

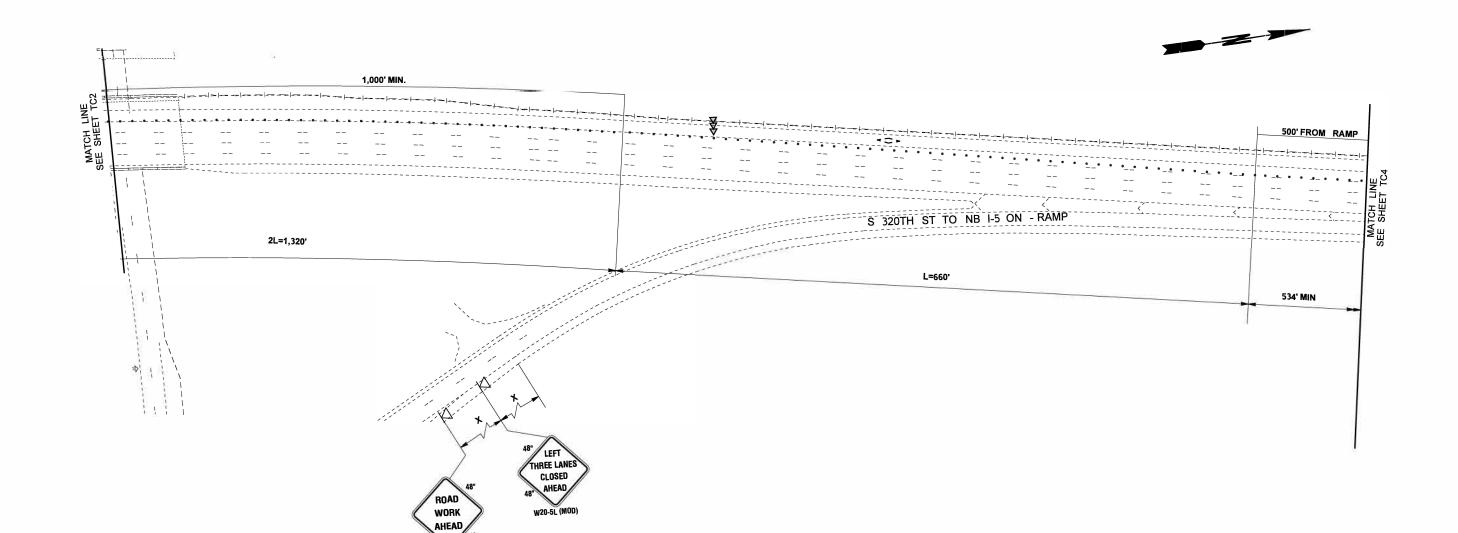
### **GENERAL NOTES:**

- 1. SEE SPECIAL PROVISIONS FOR "CONSTRUCTION UNDER TRAFFIC" FOR CLOSURE HOUR RESTRICTIONS AND OTHER TRAFFIC CONTROL REQUIREMENTS.
- 2. NO ENCROACHMENT IN TRAVELED LANE.
- 3. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 4. USE A DOWNSTREAM TAPER TO END LANE CLOSURES WITH 20'DEVICE SPACING.
- 5. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.
- 6. USE TRANSVERSE DEVICES IN CLOSED LANES EVERY 500' +/-.
- 7. MOTORCYCLES USE EXTREME CAUTION SIGNS (W21-1701) SHALL BE INSTALLED WHEN THE FOLLOWING CONDITIONS EXIST:
   GROOVED PAVEMENT
   ABRUPT LANE EDGE
   STEEL PLATES
   LOOSE GRAVEL OR SOILS.
- 8. A SPECIFIC SIGN FOR EACH OF THE CONDITIONS NOTED SHALL BE INSTALLED ALONG WITH THE "MOTORCYCLES USE EXTREME CAUTION" SIGNS.
- 9. MAINTAIN A MINIMUM OF 14 FEET WIDE RAMP LANE AT ALL RAMPS, UNLESS OTHERWISE NOTED. 10. MAINTAIN A MINIMUM DISTANCE OF 2'BETWEEN WORK ZONE AND TRAFFIC CONTROL DEVICES.

LEGEND
⊗ TRAFFIC SAFETY DRUM
▷▷▷ SEQUENTIAL ARROW SIGN
PCMS PORTABLE CHANGEABLE MESSAGE SIGN
WORK ZONE
TRANSPORTABLE ATTENUATOR
DIRECTION OF TRAVEL

FILE NAME	\\NWHQSECAEFS02P\CAE_Data	a\412350\XL6558 - I-5 NB 206th St Vic to SR 516 - Pa	vement Repair	rs\DGN - Desi	gn\She	ets\XL6558_PS_SPECIFIC.dgn					Plot 1
TIME	6:29:59 AM			REGION NO.	STATE	FED.AID PROJ.NO.				15	PLAN REF NO
DATE	1/27/2023			10	WASH					ND 22211 27 1/2 72 27	TC1
PLOTTED BY	seremeh				WASH					NB 206TH ST VIC TO SR 516	'''
DESIGNED BY	H. SEREME			22A	MBER				Washington State	PAVEMENT REPAIR	SHEET
ENTERED BY	H. SEREME			ZZA	042				9		14
CHECKED BY	A. YU			CONTRA	CT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	A. EMERSON						DATE	DATE		TRAFFIC CONTROL PLAN	25 SHEETS
REGIONAL ADM.	R NIFI SEN	REVISION	DATE	RY			DE STAMP BOY	DE STAMP BOY		TRAITIO CONTROL I LAN	I GILLETO





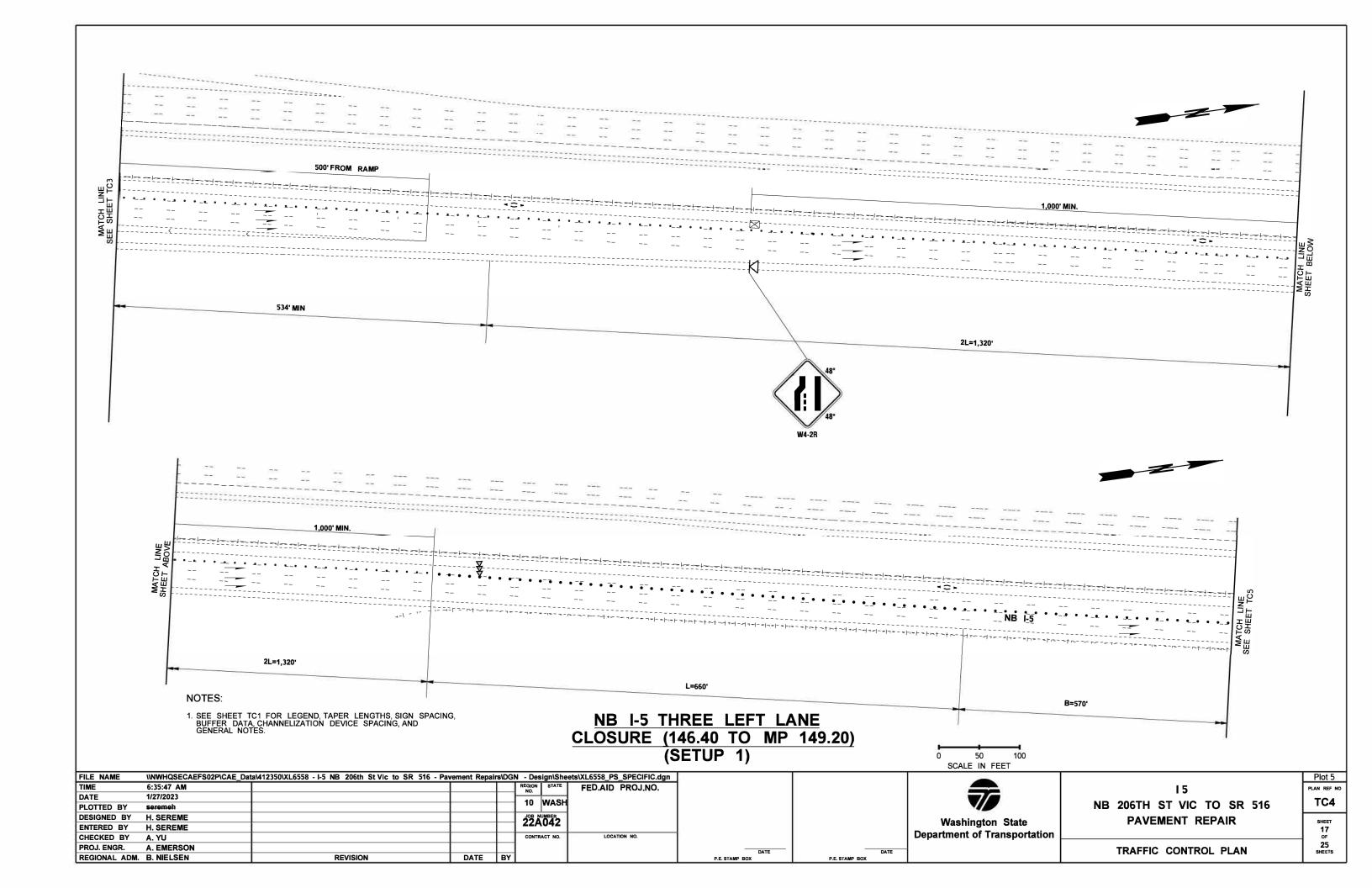
#### NOTES:

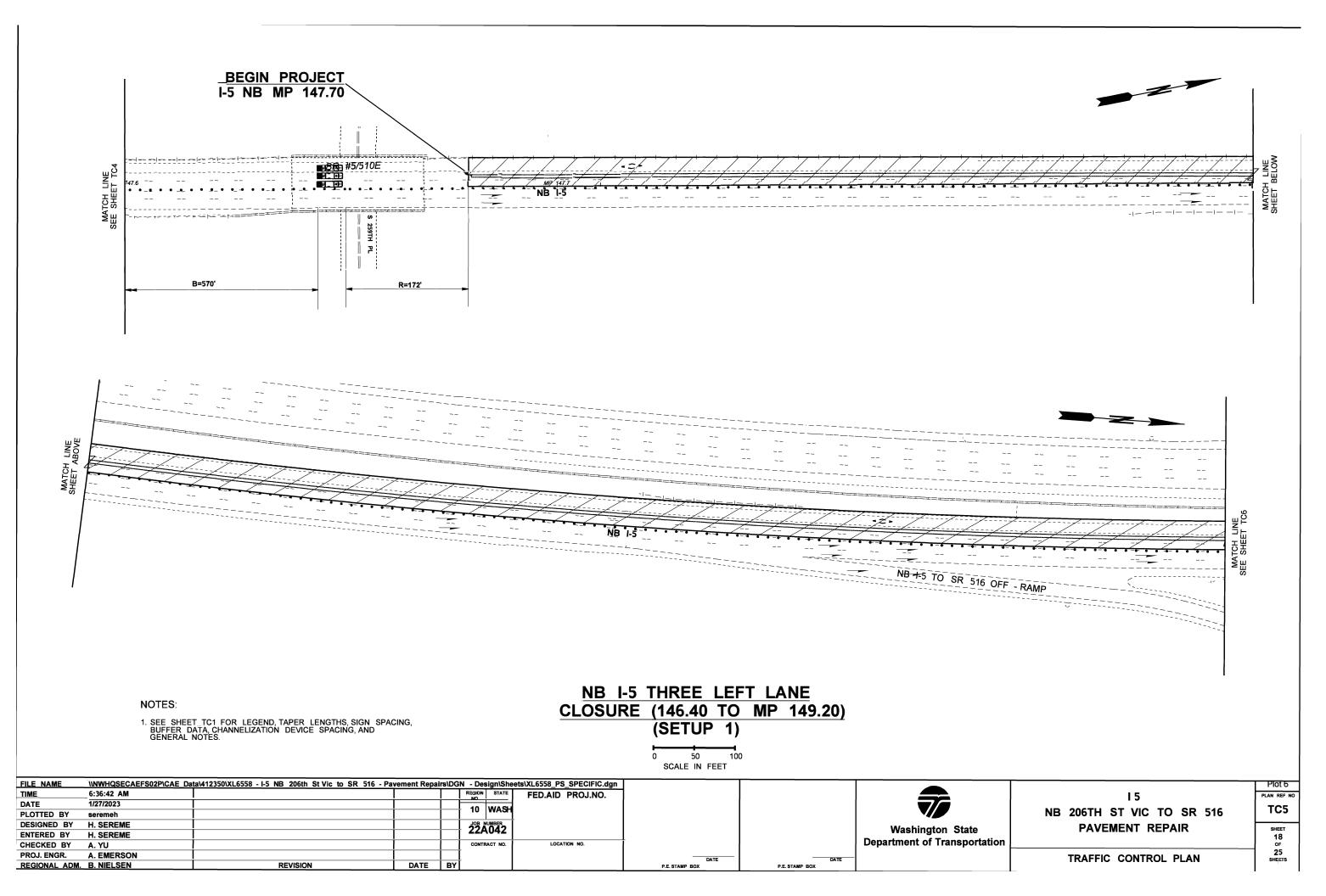
 SEE SHEET TC1 FOR LEGEND, TAPER LENGTHS, SIGN SPACING, BUFFER DATA, CHANNELIZATION DEVICE SPACING, AND GENERAL NOTES.

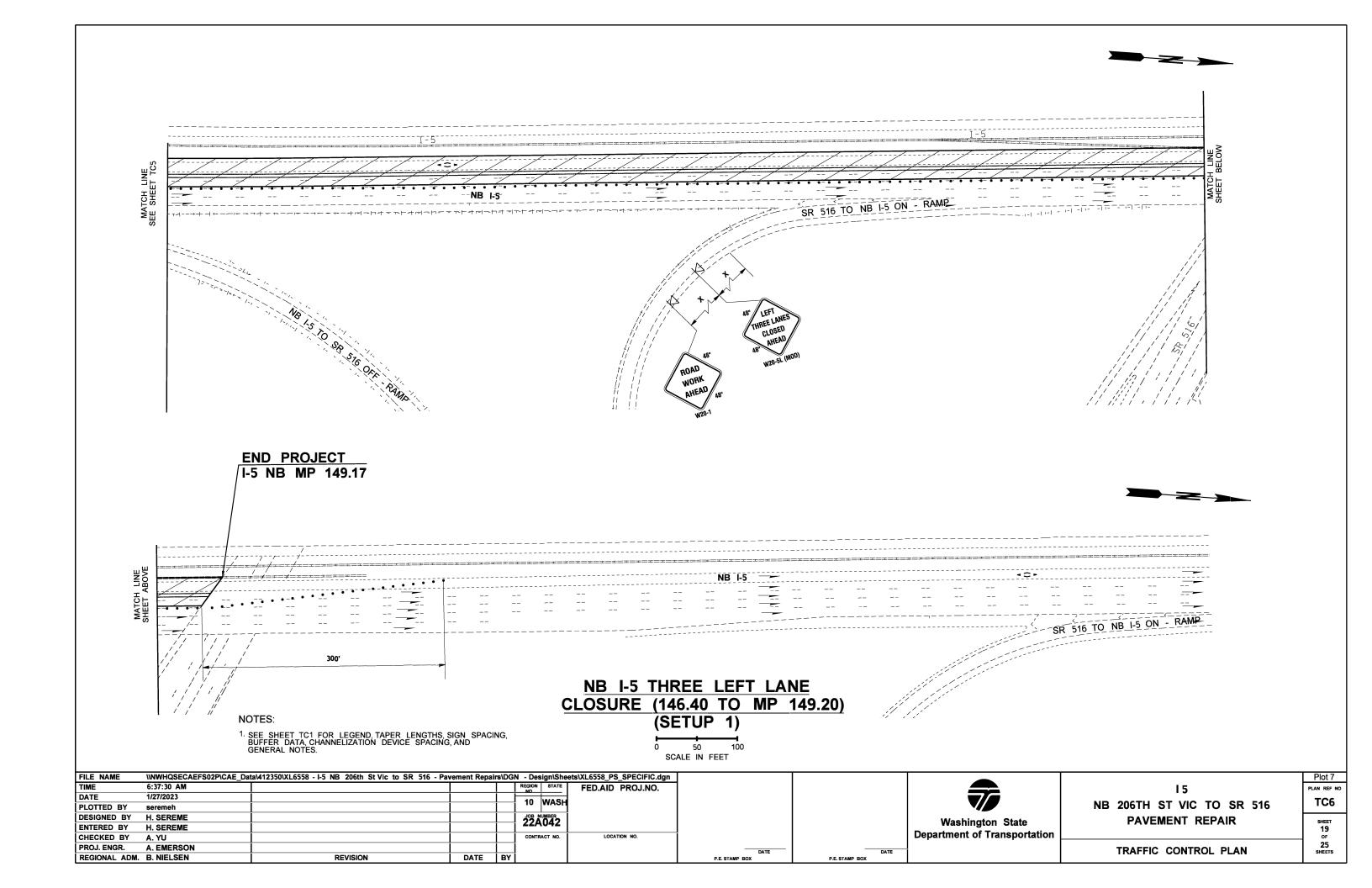
# NB I-5 THREE LEFT LANE CLOSURE (146.40 TO MP 149.20) (SETUP 1)

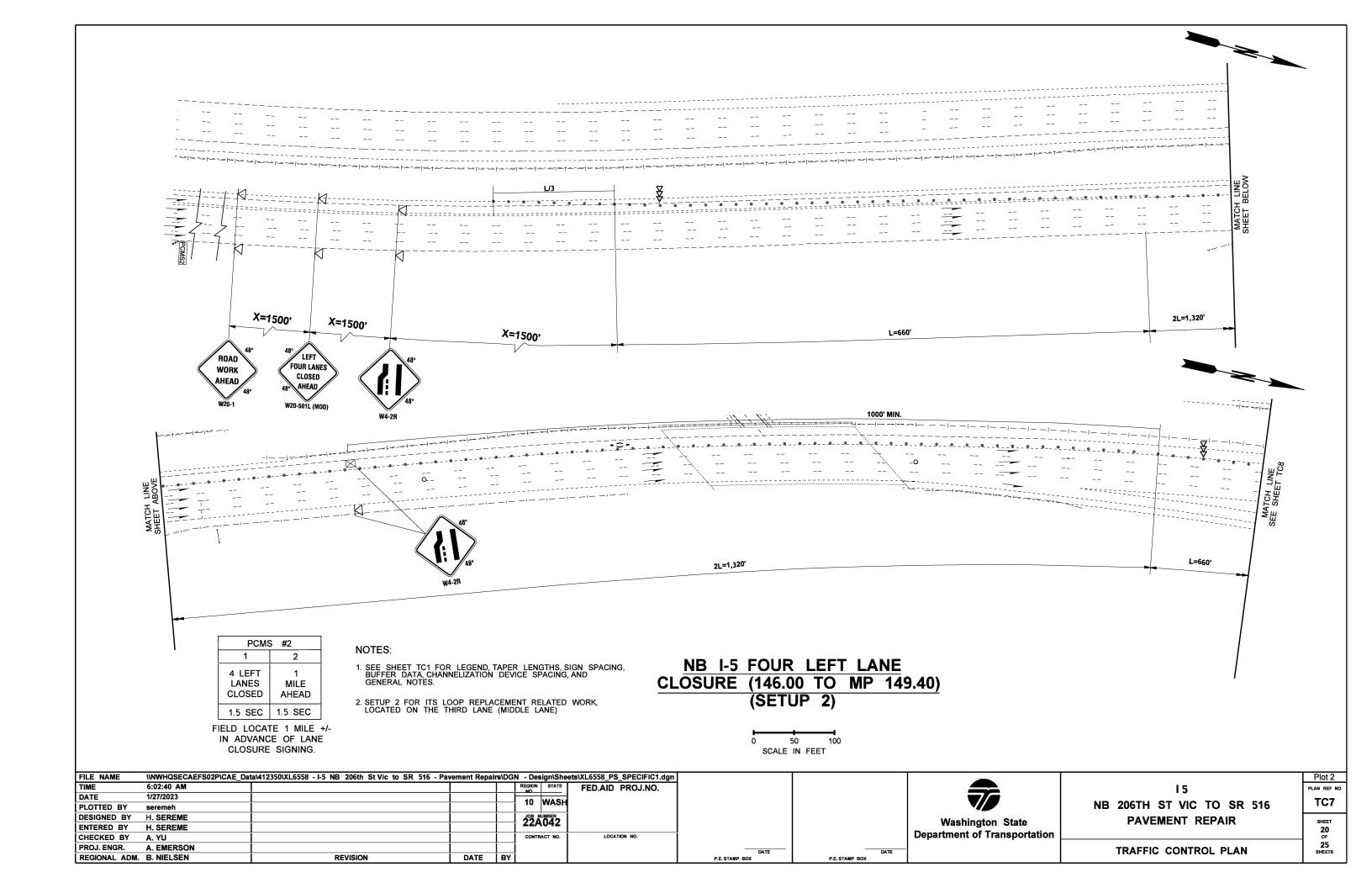
0 50 10 SCALE IN FEET

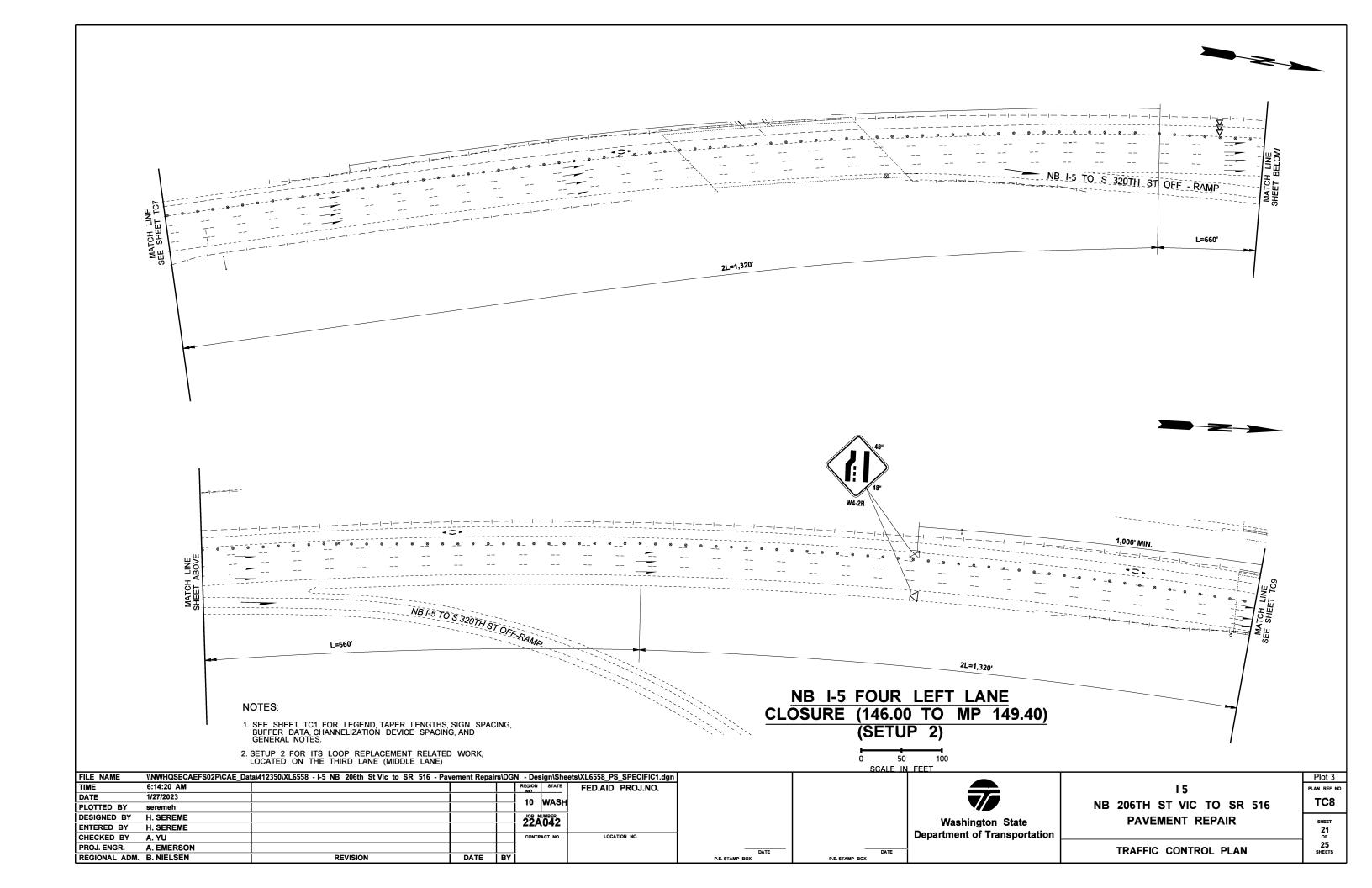
FILE NAME	\\NWHQSECAEFS02P\CAE_Dat	ta\412350\XL6558 - I-5 NB 206th St Vic to SR 516 - Pay	ement Repairs	NDGN -	Design\She	ets\XL6558_PS_SPECIFIC.dgn					Plot 4
TIME	6:31:33 AM			REG	GION STATE	FED.AID PROJ.NO.				15	PLAN REF NO
DATE	1/27/2023			1	0 WASH						TC3
PLOTTED BY	seremeh			_   _ ''	IU WASH					NB 206TH ST VIC TO SR 516	103
DESIGNED BY	H. SEREME			ار	2A042				Washington State	PAVEMENT REPAIR	SHEET
ENTERED BY	H. SEREME			4	.ZAU42						16
CHECKED BY	A. YU			CC	CONTRACT NO.	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	A. EMERSON						DATE	DATE		TRAFFIC CONTROL PLAN	25 SHEETS
REGIONAL ADM.	B. NIELSEN	REVISION	DATE	BY			P.E. STAMP BOX	P.E. STAMP BOX		IIIIIII GOMINGE I EAN	1



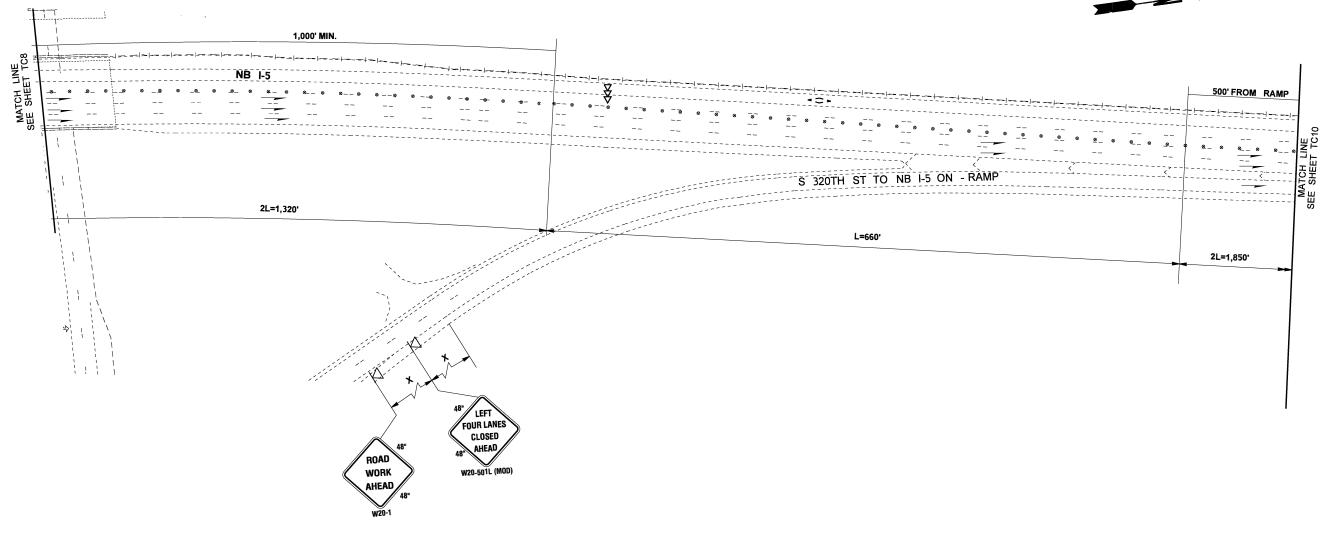












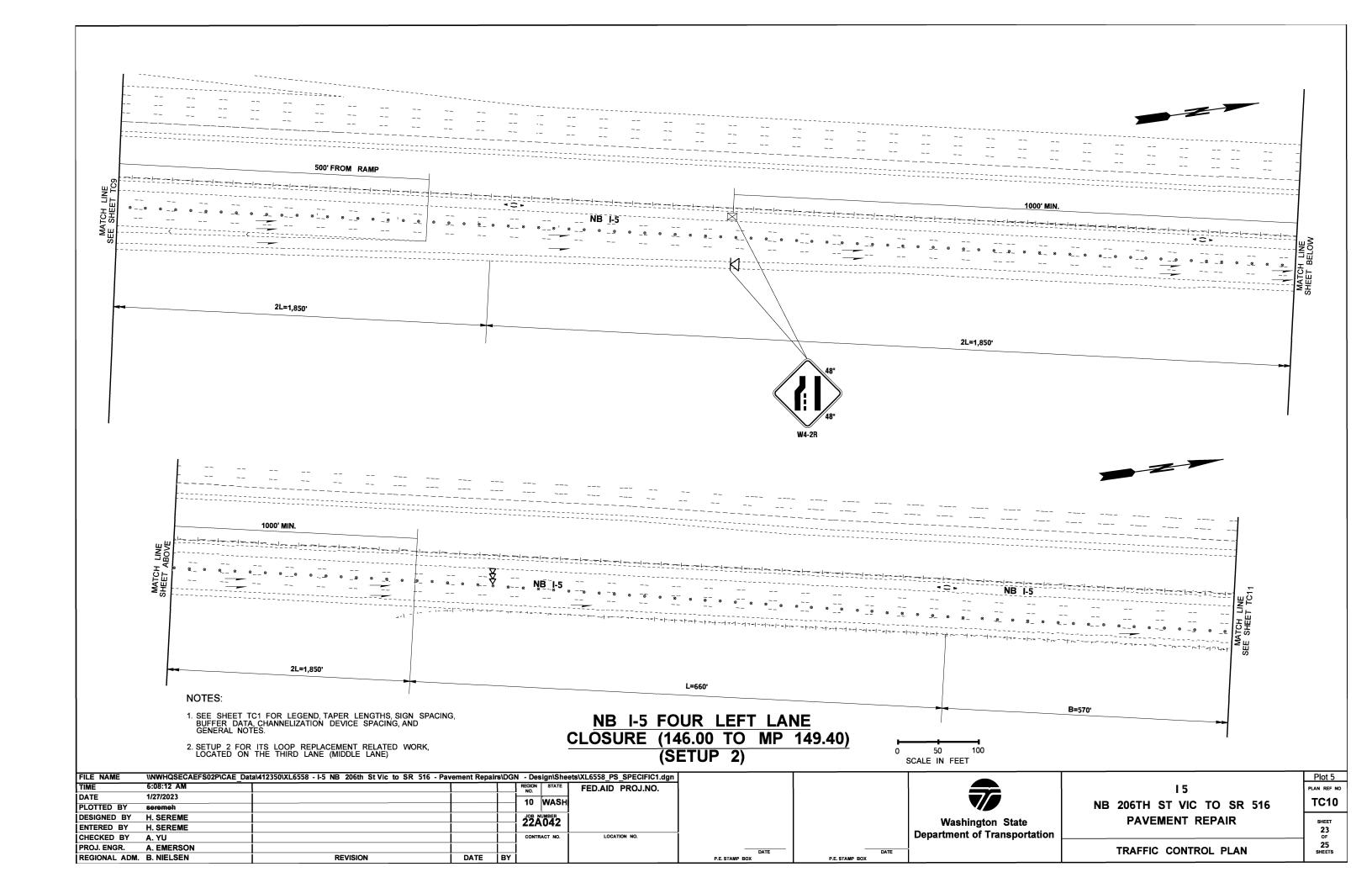
#### NOTES:

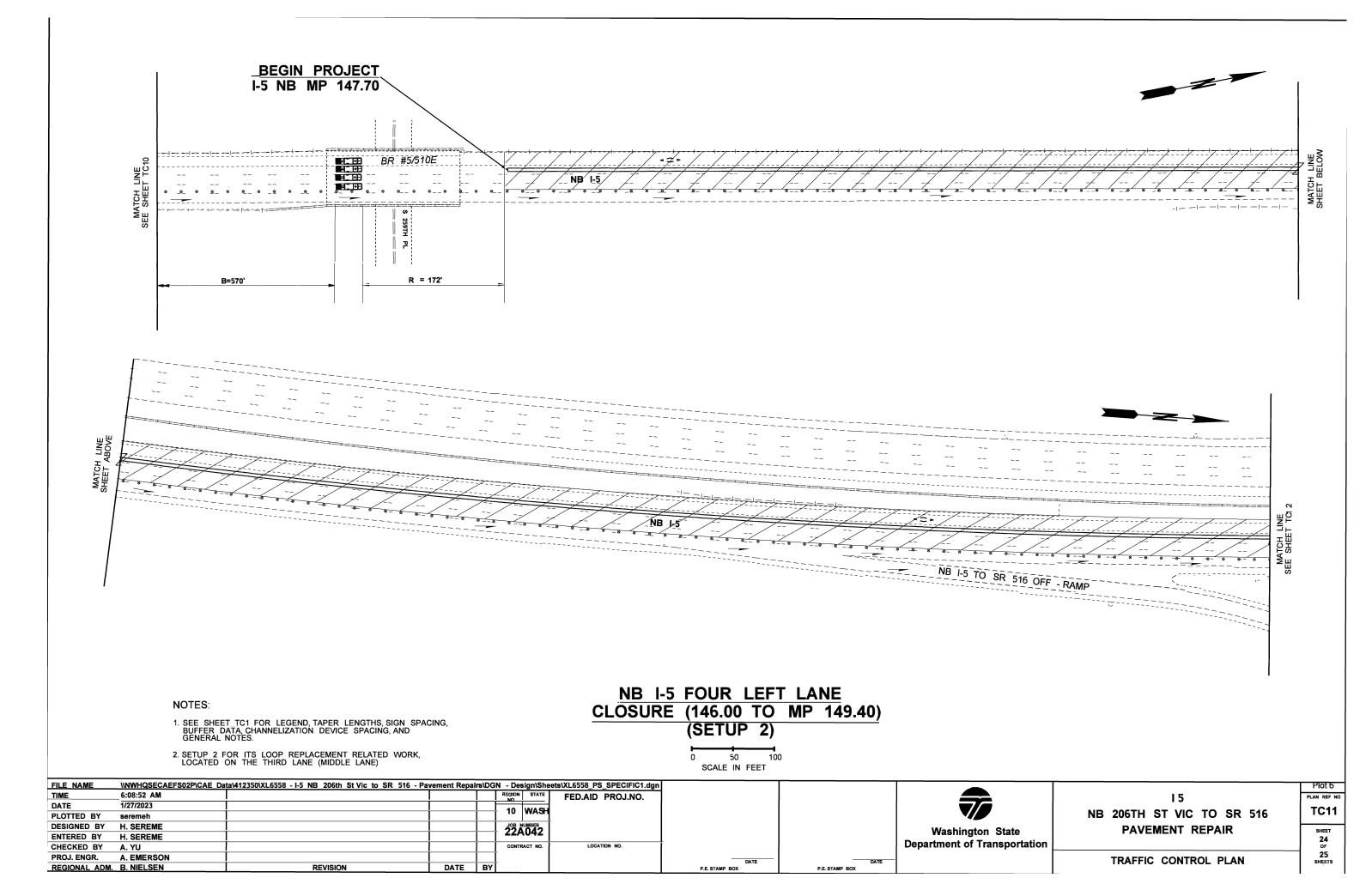
- SEE SHEET TC1 FOR LEGEND TAPER LENGTHS, SIGN SPACING, BUFFER DATA, CHANNELIZATION DEVICE SPACING, AND GENERAL NOTES.
- 2. SETUP 2 FOR ITS LOOP REPLACEMENT RELATED WORK, LOCATED ON THE THIRD LANE (MIDDLE LANE)

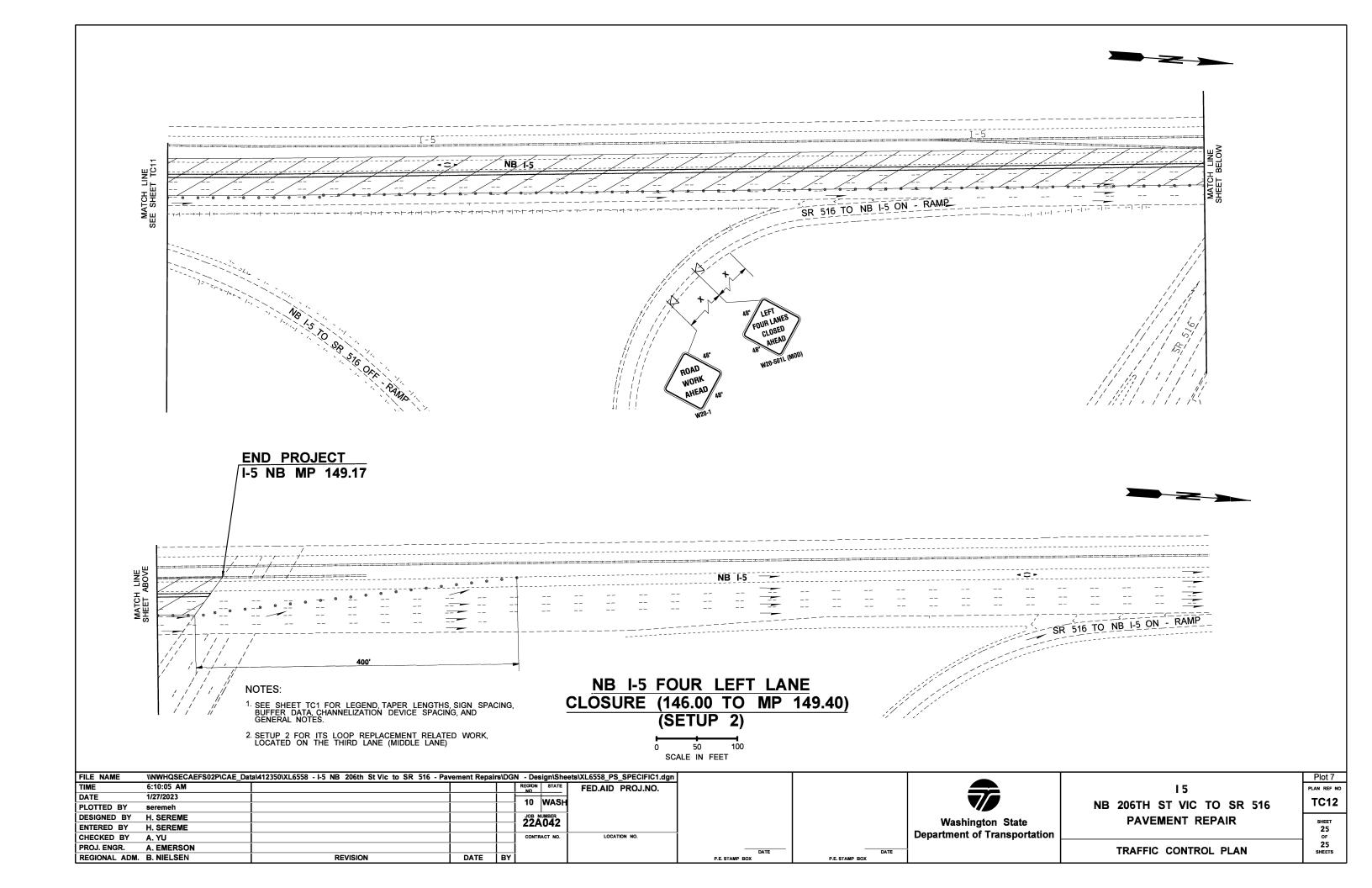
# NB I-5 FOUR LEFT LANE CLOSURE (146.00 TO MP 149.40) (SETUP 2)

0 50 10 SCALE IN FEET

FILE NAME	\\NWHQSECAEFS02P\CAE_Da	ata\412350\XL6558 - I-5 NB 206th St Vic to SR 516 - Pa	vement Repai	irs\DGI	N - Design\She	eets\XL6558_PS_SPECIFIC1.dgn			_		Plot 4	1
TIME	6:05:21 AM				REGION STATE	FED.AID PROJ.NO.	1			15	PLAN REF NO	l
DATE	1/27/2023			1 1	10 WASH	-					TC9	
PLOTTED BY	seremeh				IU WASE	1				NB 206TH ST VIC TO SR 516	109	
DESIGNED BY	H. SEREME				JOB NUMBER 22A042	Ī			Washington State	PAVEMENT REPAIR	SHEET	1
ENTERED BY	H. SEREME				22AU42				_	I AVEIMENT INCI AIIX	22	1
CHECKED BY	A. YU			1 1	CONTRACT NO.	LOCATION NO.	1		Department of Transportation		OF	
PROJ. ENGR.	A. EMERSON			Πİ	Ī		DATE	DATE	<u> </u>	TRAFFIC CONTROL PLAN	25 SHEETS	1
REGIONAL ADM	I. B. NIELSEN	REVISION	DATE	BY	Ī		P.E. STAMP BOX	P.E. STAMP BOX		TIVALLIO CONTROL LEAN	J.LEIS	1







### 22A042 Ad Copy Plans unsigned

Final Audit Report 2023-02-02

Created: 2023-02-01

By: Dave Schrader (SchradD@wsdot.wa.gov)

Status: Signed

Transaction ID: CBJCHBCAABAASQCYI0SQtB1HejE3ZIZ6xX5tN3BvK1tg

### "22A042 Ad Copy Plans unsigned" History

Document created by Dave Schrader (SchradD@wsdot.wa.gov) 2023-02-01 - 7:25:49 PM GMT- IP address: 198.238.213.156

- Document emailed to Adam Emerson (EmersoA@wsdot.wa.gov) for signature 2023-02-01 7:29:56 PM GMT
- Document emailed to leege@wsdot.wa.gov for signature 2023-02-01 7:29:56 PM GMT
- Email viewed by Adam Emerson (EmersoA@wsdot.wa.gov) 2023-02-01 7:33:44 PM GMT- IP address: 164.110.10.12
- Document e-signed by Adam Emerson (EmersoA@wsdot.wa.gov)

  Signature Date: 2023-02-01 7:33:50 PM GMT Time Source: server- IP address: 164.110.10.12
- Email viewed by leege@wsdot.wa.gov 2023-02-02 2:57:06 PM GMT- IP address: 198.238.213.148
- Signer leege@wsdot.wa.gov entered name at signing as Greg Leege 2023-02-02 2:59:07 PM GMT- IP address: 198.238.213.148
- Document e-signed by Greg Leege (leege@wsdot.wa.gov)

  Signature Date: 2023-02-02 2:59:09 PM GMT Time Source: server- IP address: 198.238.213.148
- Agreement completed. 2023-02-02 - 2:59:09 PM GMT